

AMENDMENTS TO THE CLAIMS:

Replace the claims with the following rewritten listing:

1. (Currently Amended) Seat occupancy sensor with at least two pressure actuatable switching elements, said switching elements ~~actuatable by pressure which can~~ be ~~allocated~~ associated to a surface of a seat with a certain distance between them in such a way that a first switching element is ~~allocated~~ associated to a first area of the seat and a second switch element is associated ~~allocated~~ to a second area of the seat, ~~characterized in that~~ wherein the said first switching element and said second switching elements are connected together in such a way as to implement a logical AND gateoperation.
2. (Currently Amended) Seat occupancy sensor according to ~~Claim~~ claim 1, wherein the first and second switching elements are connected in series.
3. (Currently Amended) Seat occupancy sensor according to ~~either of Claims 1 or 2~~ claim 1, wherein the first and/or second switching element comprises a pressure sensor.
4. (Currently Amended) Seat occupancy sensor according to ~~any one of Claims 1 to 3~~ claim 1, wherein the first and/or second switching element comprises a plurality of individual switching cells connected together in such a way as to implement a logical OR gateoperation.
5. (Currently Amended) Seat occupancy sensor according to claim 4, wherein the individual switching cells of a switch element are connected in parallel.
6. (Currently Amended) Seat occupancy sensor according to ~~either of Claims 4 or 5~~ claim 4, wherein a switching cell comprises a pressure sensor.

7. (Currently Amended) Seat occupancy sensor according to ~~either of Claims 3 or 6~~claim 3, wherein the pressure sensor ~~presents~~comprises a foil-type pressure sensor ~~in~~ of a "through-mode" type.
8. (Currently Amended) Seat occupancy sensor according to ~~either of Claims 3 or 6~~claim 3, wherein the pressure sensor ~~presents~~comprises a foil-type pressure sensor ~~in~~ of a "shunt mode" type.
9. (Currently Amended) Seat occupancy sensor according to ~~any one of Claims 1 to 8~~claim 1, wherein the first and second switching elements are arranged at least approximately at equal distances from a seat centreline running longitudinally with respect to the vehicle and at a certain distance from each other.
10. (Currently Amended) Seat occupancy sensor according to ~~any one of Claims 1 to 9~~claim 1, wherein the first and second switching elements are arranged essentially symmetrically with respect to a seat centreline running longitudinally with respect to the vehicle and at a predetermined distance from each other.
11. (New) Seat occupancy sensor according to claim 6, wherein the pressure sensor comprises a foil-type pressure sensor of a "through-mode" type.
12. (New) Seat occupancy sensor according to claim 6, wherein the pressure sensor presents a foil-type pressure sensor of a "shunt mode" type.
13. (New) Seat occupancy sensor comprising at least two pressure actuatable switching elements, said switching elements to be integrated into a vehicle seat and associated to a seating surface of said vehicle seat with a certain distance between them in such a way that a first switching element is associated to a first area of the seat and a second switch element is associated to a second area of the seat, said first switching element

and said second switching element being connected together in such a way as to implement a logical AND operation.

14. (New) Seat occupancy sensor according to claim 13, wherein the first and second switching elements are connected in series.
15. (New) Seat occupancy sensor according to claim 13, wherein the first and/or second switching element comprises a pressure sensor.
16. (New) Seat occupancy sensor according to claim 13, wherein the first and/or second switching element comprises a plurality of individual switching cells connected together in such a way as to implement a logical OR operation.
17. (New) Seat occupancy sensor according to claim 16, wherein the individual switching cells of a switch element are connected in parallel.
18. (New) Seat occupancy sensor according to claim 16, wherein a switching cell comprises a pressure sensor.
19. (New) Seat occupancy sensor according to claim 15, wherein the pressure sensor comprises a foil-type pressure sensor of a "through-mode" type.
20. (New) Seat occupancy sensor according to claim 15, wherein the pressure sensor comprises a foil-type pressure sensor of a "shunt mode" type.
21. (New) Seat occupancy sensor according to claim 13, wherein the first and second switching elements are arranged at least approximately at equal distances from a seat centreline running longitudinally with respect to the vehicle and at a certain distance from each other.

22. (New) Seat occupancy sensor according to claim 13, wherein the first and second switching elements are arranged essentially symmetrically with respect to a seat centreline running longitudinally with respect to the vehicle and at a predetermined distance from each other.
23. (New) Seat occupancy sensor according to claim 18, wherein the pressure sensor comprises a foil-type pressure sensor of a "through-mode" type.
24. (New) Seat occupancy sensor according to claim 18, wherein the pressure sensor presents a foil-type pressure sensor of a "shunt mode" type.